

AMENDMENTS TO THE SPECIFICATION:

Page 1, replace the paragraph beginning on line 3 with the following amended paragraph:

--This application claims benefit of Japanese Patent Application No. 2002-345651 filed on November 28, 2002, the contents of which are incorporated by ~~[[the]]~~ reference.--

Page 1, replace the paragraph beginning on line 6 with the following amended paragraph:

--The present invention relates to wireless LAN (local area network) systems and, more particularly wireless LAN systems, in which such hosts as PC (personal computer) or PDA (personal digital assistant) or the like is interconnected for inter-host communication, such as reception of ~~arrived IP phones~~ phone calls (i.e., ~~phones made~~ by transmitting voice signals in packets based on an internet protocol) and ~~malls~~ electronic mail.--

Page 4, replace the paragraph beginning on line 21 and bridging pages 4 and 5 with the following amended paragraph:

--As shown, in the wireless LAN system 10 according to the present invention, the wireless LAN device 21 is mounted in (or connected to) each host 20, and also has an application (i.e., software) permitting reception of arrived IP phone. In the normal state of the wireless LAN system 10, each wireless LAN device 21 is in a sleep state in an energy-saving mode. As will be described later, a beacon signal is sent out in a constant

cycle from an access point. The wireless LAN device 21 has its power supply repeatedly turned on and off in the same cycle as the beacon signal to make inquiry to the access point about whether any arrived packet is present. When an arrived packet is received, the wireless LAN device 21 provides a system start request to the host 20 (step A1). When the host 20 is ~~stated~~ started, i.e., its power supply is turned on (step A2), it starts a corresponding application (step A3). As a result, the host 20 becomes ready for receiving any arrived packet (reception OK) (step A4). When no arrived packet is present, the sleep state is restored.--